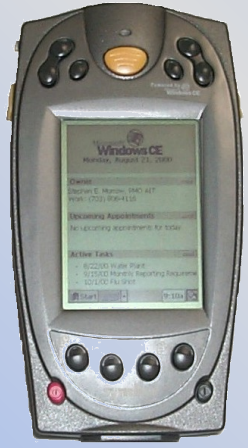
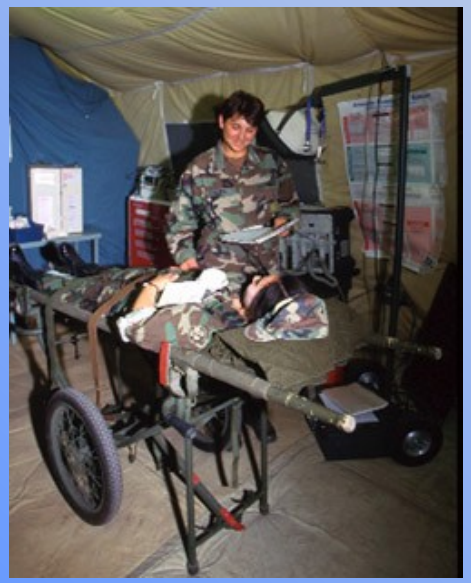
PEO EIS

PEO Enterprise Information Systems



AFCEA - Belvoir
PEO EIS Industry Day



Mr. David N. Ciummo

Project Manager

formation Management &
Telecommunications –
Pentagon Renovation

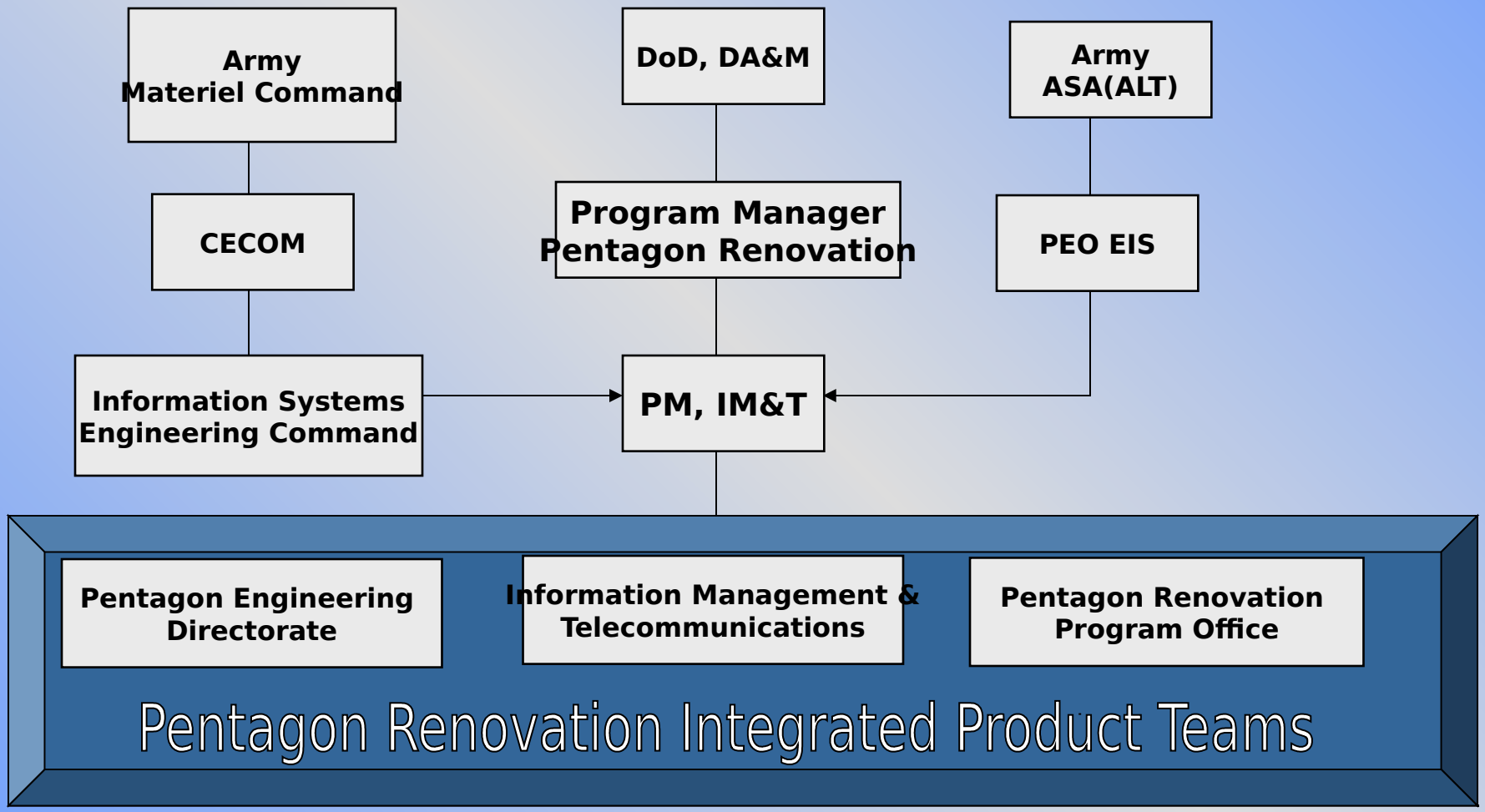
Information Management & Telecommunications – Pentagon Renovation

David N. Ciummo
Project Manager

IM&T Pentagon Renovation Mission

The Washington Headquarters Services, assisted by PEO-EIS will execute a comprehensive renovation of the Pentagon, transforming the facility, including all Information Management and Telecommunications (IM&T) services, into a modern office/command environment.

Organizational Relationships



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Mr. Kevin Carroll
PEO

COL Wellsford Barlow
Deputy PEO

David Ciummo Project Manager

Hari Bezwada
Deputy PM

Sajeel Ahmed
Technical Director

Antionette Caywood – Admin Officer

As of 29 Jan 03

Nitha Vos
Resource Management Group

Vacant PEO-EIS
Pedram Azizi
Sandra Fincher
Chuck Johnson

Cheryl Papciak-Brooks
Project Integration & Admin Group

Kathy McAlpine
LaNette Beckham
Eric Righter
Diann Walton

SFC Jorge Caballero, Jr. -- NCOIC

Bob Gray
Functional Management Group

Mike Daigler
Renovation Support

Pat Aument
Roger Henry
Gerald Hess
Mike Moseley
Aurora Speed

Hari Bezwada
Renovation IT Systems

Clarence Hamilton
PM, CCSP

Brenda Kersh
PM, Alt Sites

Functional Team

IM&T Geographic IT IPTs

		Wedges 2-5	PASS	CCSP	Alt Sites
	IPT Leader	Pete McCabe	Norma McKayhan	Clarence Hamilton	Brenda Kersh
	IPT Deputy	Dennis Lough	Greg Ford	John Lehman	Ken Wojck
Tom Lightfoot -- Group Leader for Voice Switch Team	**Voice Network**	Bill Price, Sandy Morse	Wilbert McCrae, Tom Derr	Terrence Anderson, Alder Jean-Simon, Shuek Tom	Mike Capps
Vacant -- Group Leader for Special Use Areas, Systems Architecture and Integration and Special Circuits	**Special Use Areas**	Peter Ahn, Bilal Alam, Ibrahim Beshir, Judy Callahan, Paul Esch, Gary Gunther, Radwan Ibrahim, Harry Jackson, Steve Kong, Ron Kuehn, Gregg Meserve, Dan Pedro, Wayne Snesrud, Di Tieu	No Personnel Currently Assigned	Javed Iqbal, Di Tieu	Orlando Dixon, Curt Selby
	System Integration	Calvin Stringfield	Orlando Dixon	Chong Lee, Greg Lee, Ray Van de Viere	
	Special Circuits	John Horgan, Donna Kihnley, Damon Morgan, Joe Hudson-	Greg Olden, Joe Gerstner, Willie Morris, J.P. Bailey	John Macenczek	Bill Cook, Peter Irace, Larry Lara, Joe Gerstner
Pete Paprocki -- Group Leader for Temp Comm, Security, Data Network and Test/QA/Facilities/Pathways (TQFP)	**Temp Comm**	Everett Sherman	John McCauley, Mitch Tull, Willie Cleavland, Reggie Williams	Don Pettross, Sonny Reinking	James Jones, Charles Twine
	Security	Carlton Johnson, Joe Shamp	Joe Shamp	Denise Hawkins	David Edmund
	Data Network	Chris Jones	David Yuen, Phil Zekan, Ted Hayes, Richard Mai	John Aiken, Sing Banh, Steve Jones, Lawrence Williams, Lawrence Howell, Dan Holoubek	Dee Anyatonwu, Rich Gilbert, Rick Lowry, Lihn Pham, Soon Rowles, James Scobey
	Test/QA/Facilities	Don Cahoon, Mike Colley, Walt Usener, Mike O'Neill, Robert Long, Dave Mailler, Wayne Snesrud, Gary Burleson	Don Cahoon, Chuck Hayes, Garry Grant	Tom Allred, Dick Smith, Robert Long, Bill Miller	Bob Stokes
	Logistics/Transition	[illegible]	Shaul Kopyto, Chuck Holt	Tony Anthony	Cheryl Jackson-Ashe

Tom Lightfoot -- Group Leader for Voice Switch Team	John Esser, Sheuk Tom, Gerry Hess, Adler Jean-Simon, Sandy Morse, Tom Derr, Mike Capps, Bill Price, Wilbert McCrae, Reid Cruttenden
Vacant -- Group Leader for Special Use Areas, Systems Architecture and Integration and Special Circuits	Peter Ahn, Bilal Alam, Ibrahim Beshir, Judy Callahan, Orlando Dixon, Paul Esch, Gary Gunther, Radwan Ibrahim, Javed Iqbal, Harry Jackson, Steve Kong, Ron Kuehn, Greg Meserve, Dan Pedro, Curt Selby, Wayne Snesrud, Di Tieu
	Ron Cossa (lead), Chong Lee, Greg Lee, Chuck Phipps, Keith Reck, Calvin Stringfield, John Trujillo, Ray Van de Viere
	George Long (lead), John Bailey, Bill Cook, Roberta Couver, Joe Gerstner, Joe Hudson-Bey, Peter Irace, Donna Kihnley, Larry Lara, John Macenczek, Willie Morris, Greg Olden, Lynn Spencer
Pete Paprocki -- Group Leader for Temp Comm, Security, Data Network and Test/QA/Facilities/Pathways (TQFP)	Harold Goodridge (lead), Albert Adams, Willie Cleveland, Francoise Coulibaly, Reginald Dawson, James Jones, Steve Lyons, John McCauley, Don Petross, Sonny Reinking, Everett Sherman, Mitch Tull, Charles Twine, Reggie Williams
	Scott King (lead), Kevin Broderick, Corrine Castanza, Dave Edmund, Denise Hawkins, Carlton Johnson, Larry Madden, Joe Shamp
	Al Duncan (lead), John Aiken, Dee Anyatonwu, Sing Banh, Andre Beary, Jeff Colburn, Rich Gilbert, Ted Hayes, Dan Holobek, Larry Howell, Randy Jansure, Christpher Jones, Steve Jones, Rick Lowery, Richard Mai, Lihn Pham, Tim Potter, James Scobey, Jim Thorny, Larry Williams, David Yuen
	Tom Allred (lead), Don Cahoon, Carl Carter, Gary Burleson, Mike Colley, Kirk Dongu, Gary Grant, Chuck Hayes, Tony Konstant, Robert Long, Dave Mailler, Frank McDonald, Bill Miller, Mike O'Neill, Frank Probst, Dick Smith, Bob Stokes, Wayne Stone, Bill Turner, Walt Usener
	Rich Thompson (lead), Tony Anthony, Chuck Holt, Cheryl Jackson-Ashe, Shaul Kopyto

Poor Working Environments
Antiquated, Mismatched Furniture

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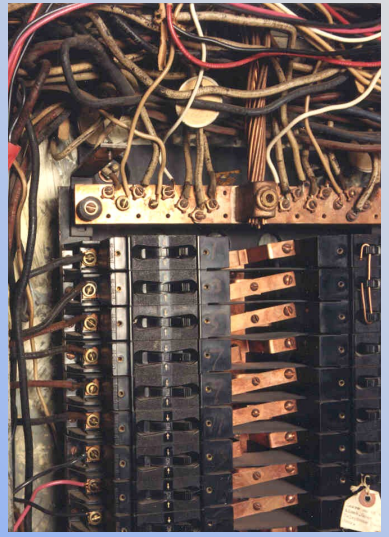
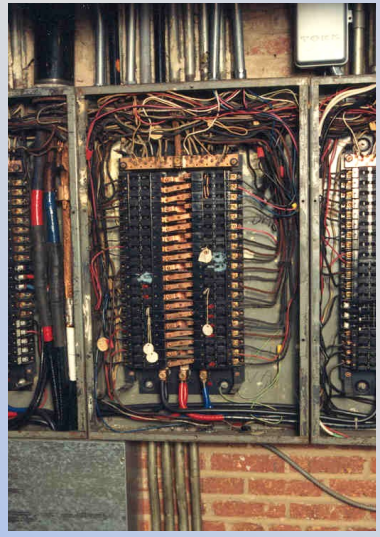
Current Pentagon Conditions

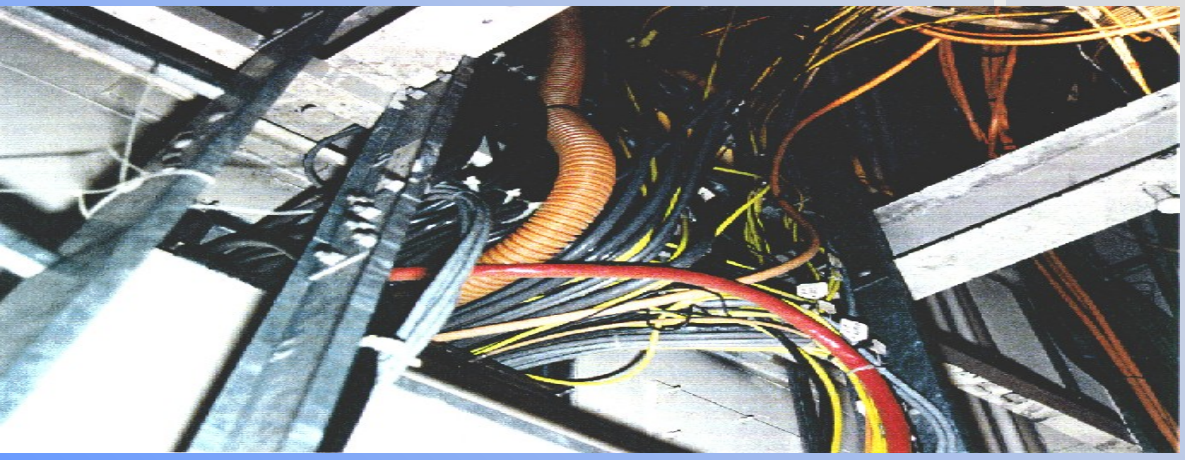
Outdated Electrical System and Overloaded Circuitry



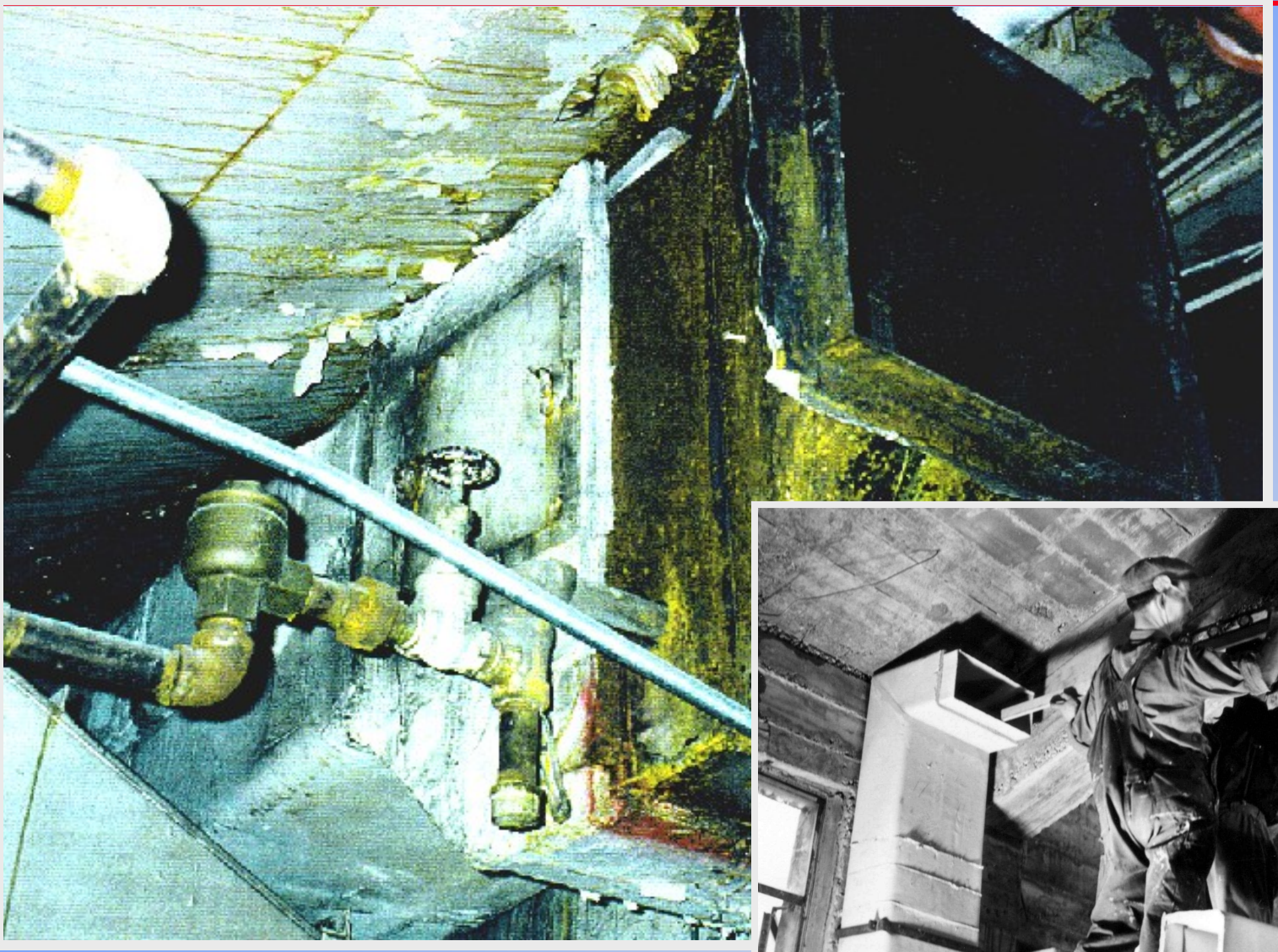


Overcrowded Wiring Harnesses, Difficult to Identify

Antiquated Wiring System and Telecommunications Backbone



Asbestos Ductwork



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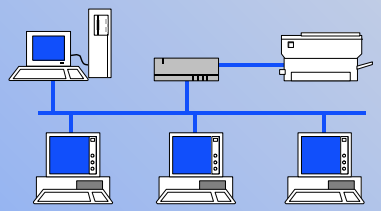
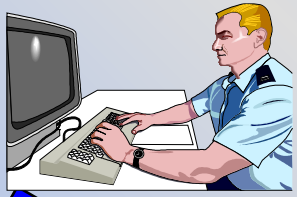
Scope of Renovation

IM&T Scope

"Modernization and Renovation of IM&T Services and Capabilities"





Modernized Backbone

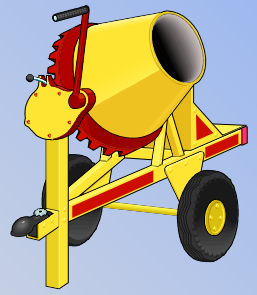
Renovation

Command Centers
Server Facilities
Switches
Tech Control
ADP Centers
Network Mgmt
Radio Rooms
Audio-Visual
Swing Space

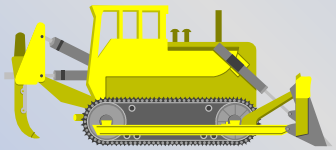
Construction Scope

"Design, Construction, and Installation of Building Equipment"

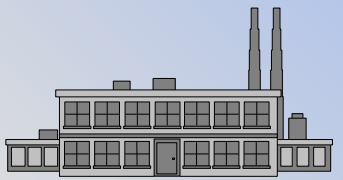
Building Design



Bricks & Mortar



Building Construction



Utilities

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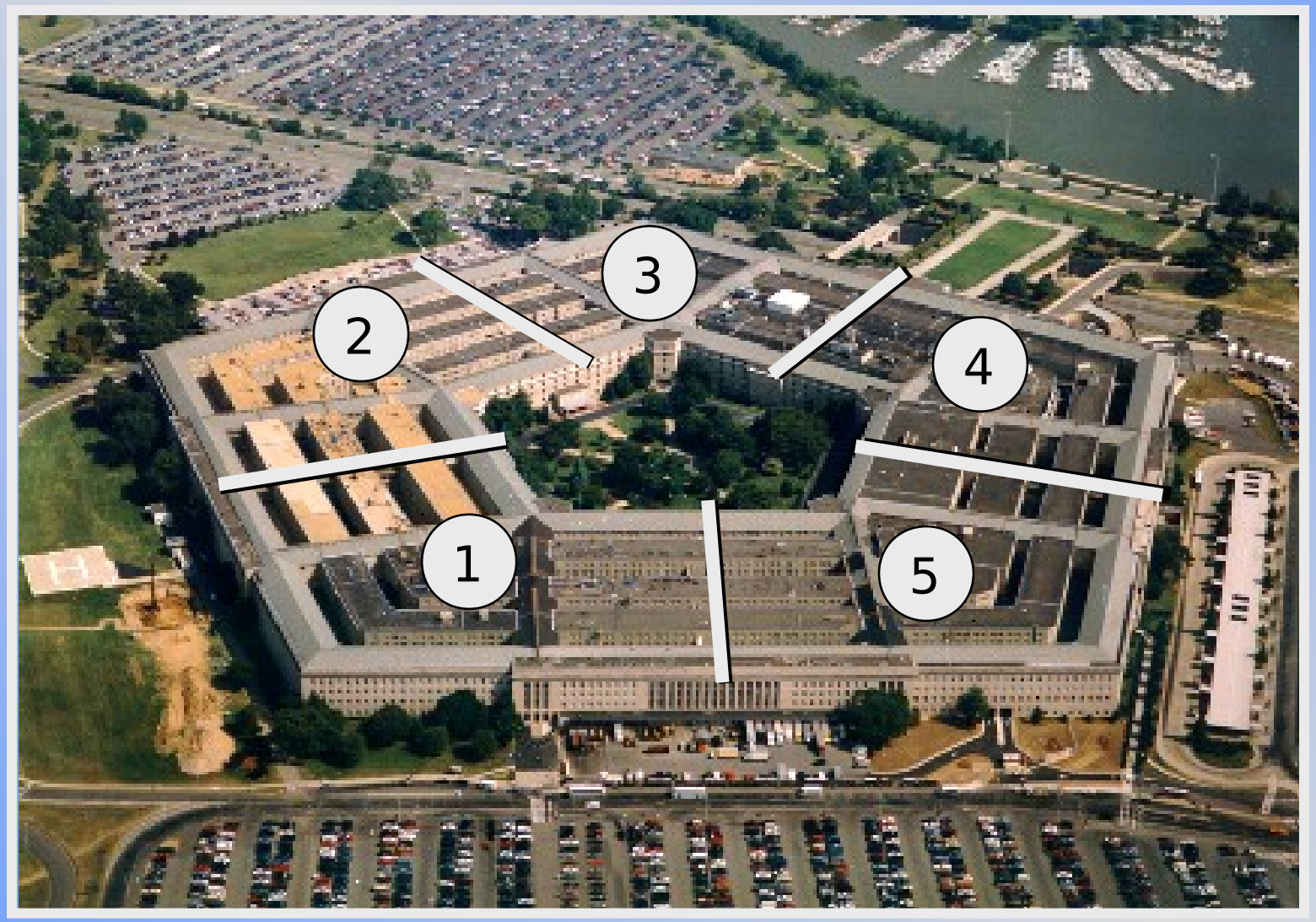
Wedge Sequence



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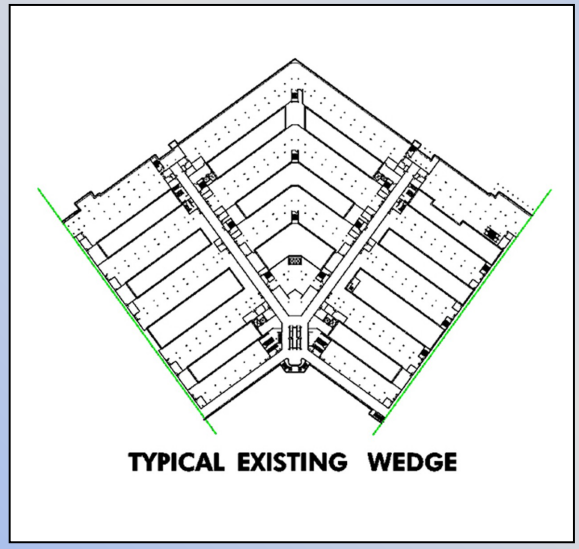
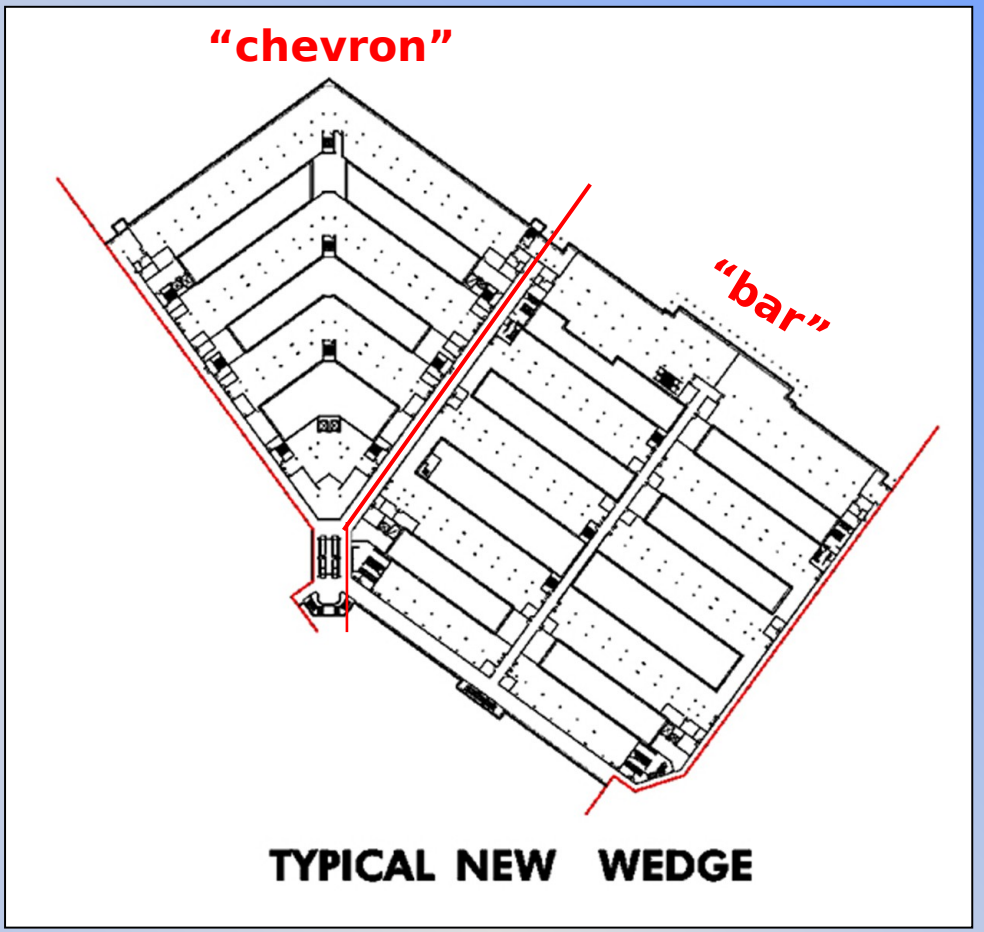
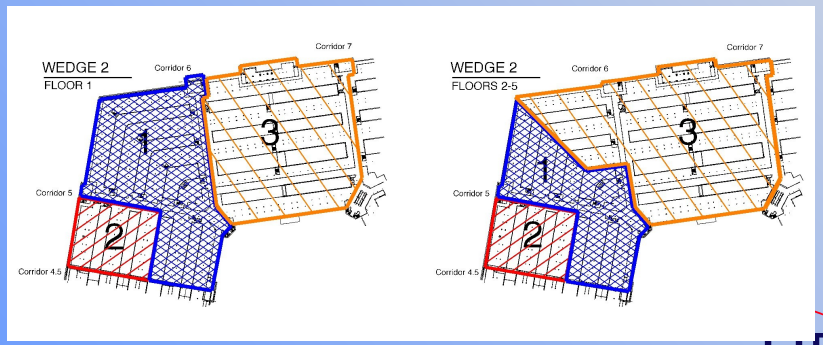
New Wedge Configuration







- At least 2 sub-phases per typical wedge
- Wedge 2 has 3 sub-phases

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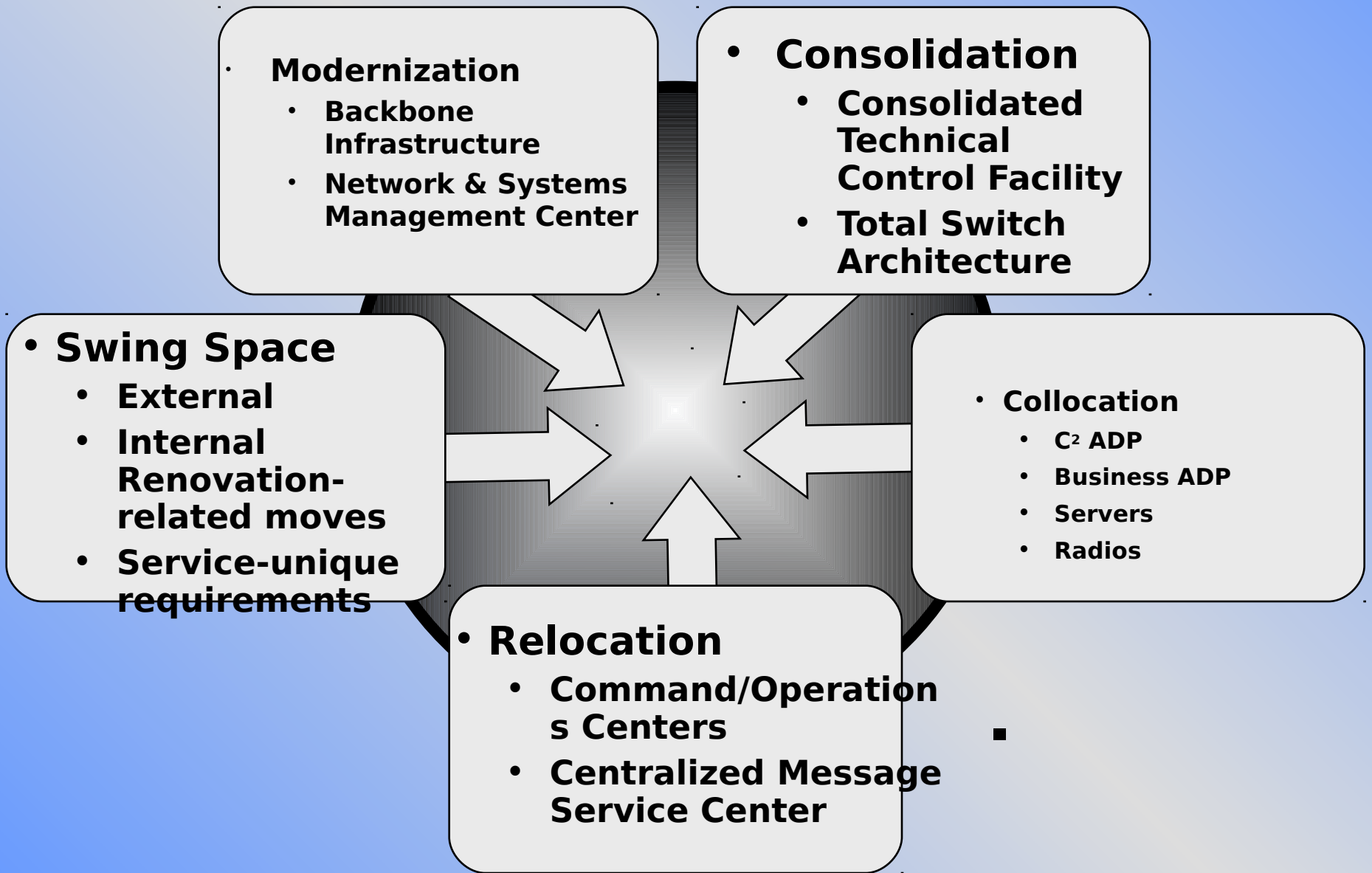
Wedge Boundaries and Subphasing

For security reasons, contents of this slide have been removed. View unabridged version on AKO

IM&T Focus


Modernization
Backbone Infrastructure
Network & Systems Management Center
Consolidation
Consolidated Technical Control Facility
Total Switch Architecture
Swing Space
External
Internal Renovation-related moves
Service-unique requirements
Collocation
C² ADP
Business ADP
Servers
Radios
Relocation
Command/Operations Centers
Centralized Message Service Center

IM&T Baseline

Black Red

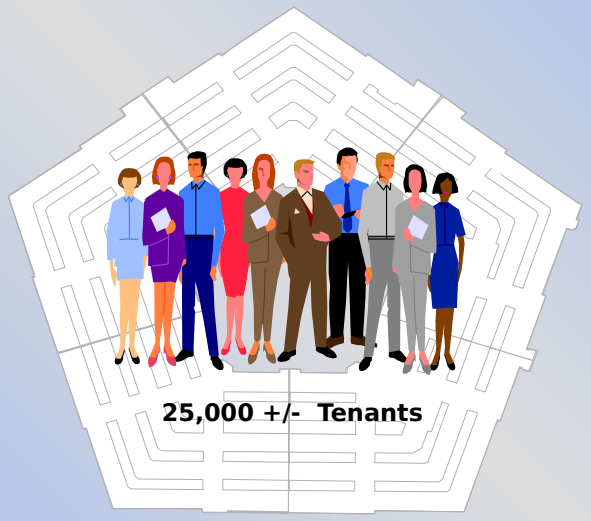
22 Telephone Switches

2 CATV Broadcast Systems

Multiple Network Management Centers

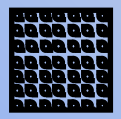
100's of Servers

Multiple LANs
-Classified
-Unclassified

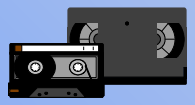


25,000 +/- Tenants

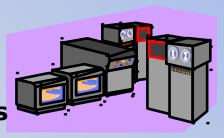
VTCs



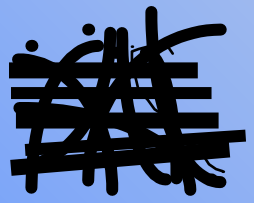
7 Tech Control Facilities



Multiple AVICs

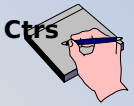


11 ADP Ctrs
1 C2 ADP Ctrs

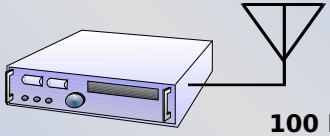


Unstructured, Undocumented Distribution Systems (Fiber, Copper, Coax)

6 Command/Operation Centers



3 Message Ctrs



100 Radio Rooms

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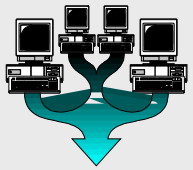
Objective IM&T

Black Red

8 Telephone Switches

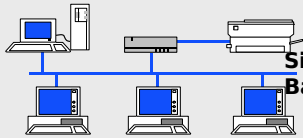
Single CATV Broadcast System



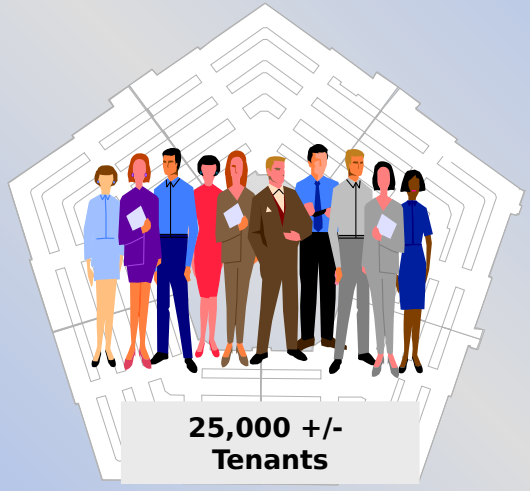
Network & Systems Management Center

VTCs

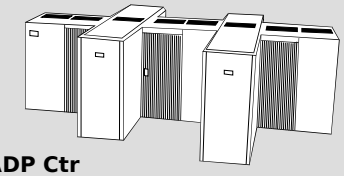
18 Server Areas



Single Backbone

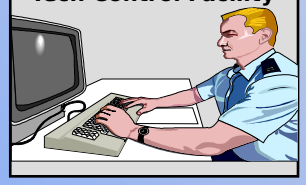


25,000 +/- Tenants

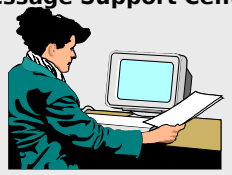


1 ADP Ctr
&
1 C²ADP Ctr

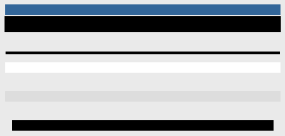
Consolidated Tech Control Facility



Consolidated Message Support Center

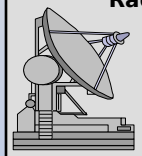


Structured Wiring With Configuration Management Control



AVICs

Radio Rooms



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Renovated Backbone Concept

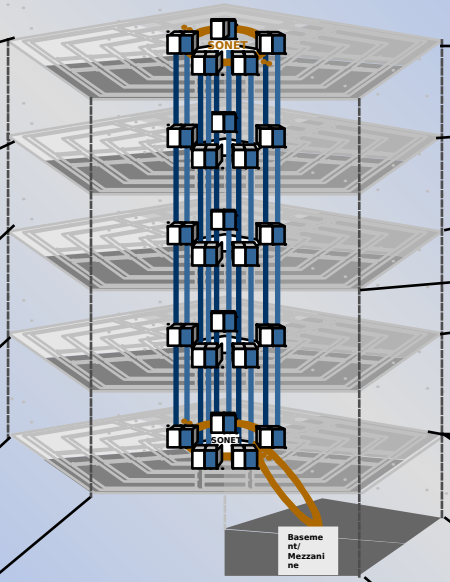
Users

IT Services

Command Centers

Admin Areas

Swing Space



Admin Telephone Switches

C2 Telephone Switches

Bus ADP Centers

C2 ADP Centers

CATV Service

Network Services

Radio Rooms

Server Areas

NSMC

Tech Control

Consolidation of Infrastructure, Electronics , Network O&M, Life Cycle and Logistics Support, into Common Backbone.

Versus duplication of each

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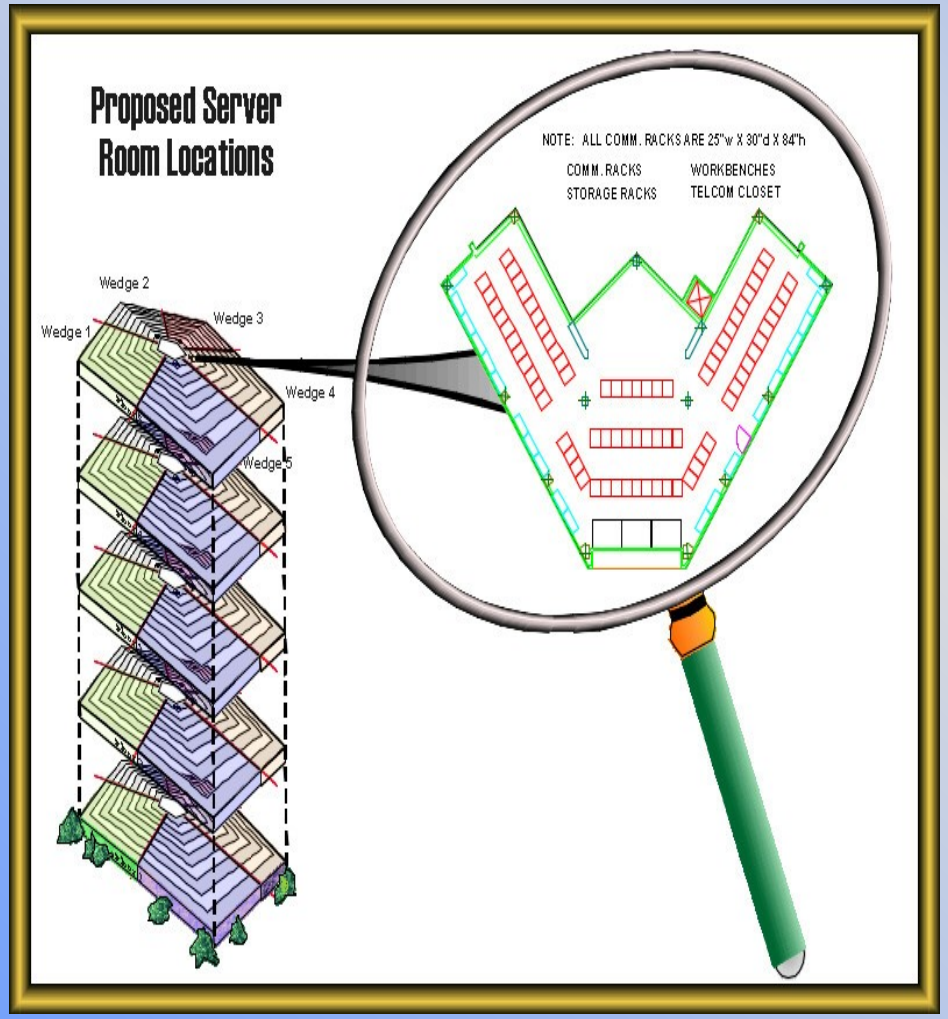
Consolidated Server Facilities



- **Provides**
  - **18 distributed but consolidated server facilities**
  - **Power, environment, and communications**
  - **1 classified facility per wedge**
- **Status**
  - **2 facilities under way in Wedge 1**
- **Next Step**
  - **Plan for remaining 16**

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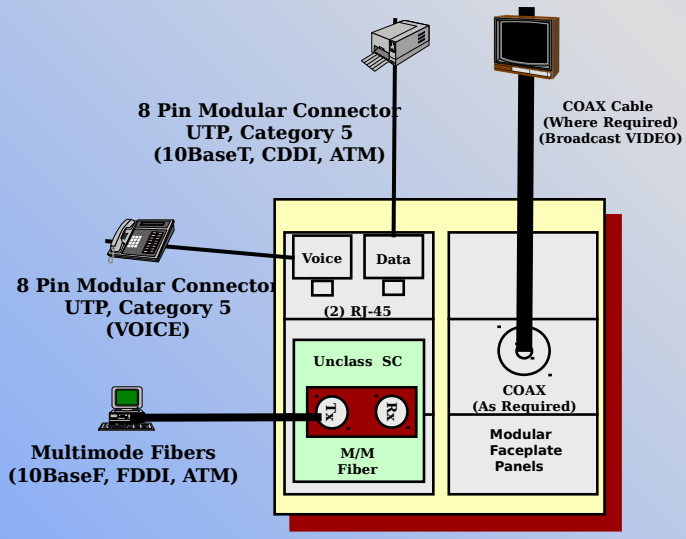
Wedge 1 User Interface - Modular Faceplates

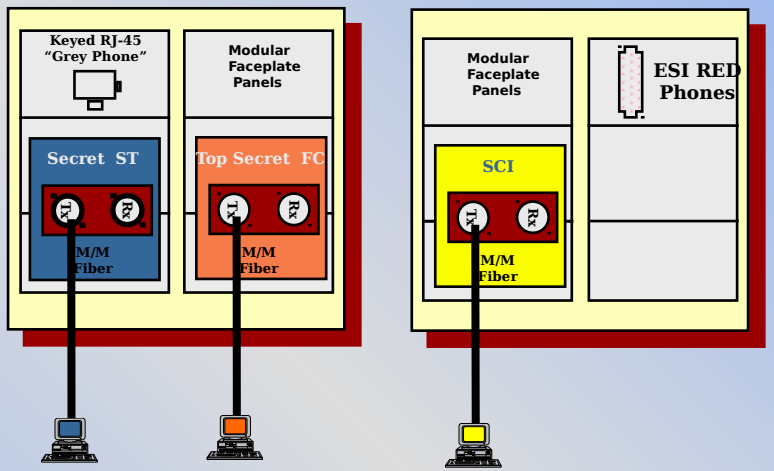
Unclassified



Standard Unclassified Faceplate (Double Gang Wall plate Shown)

Classified

Classification level differentiated by separate and distinct connector type convention (Above Standard)



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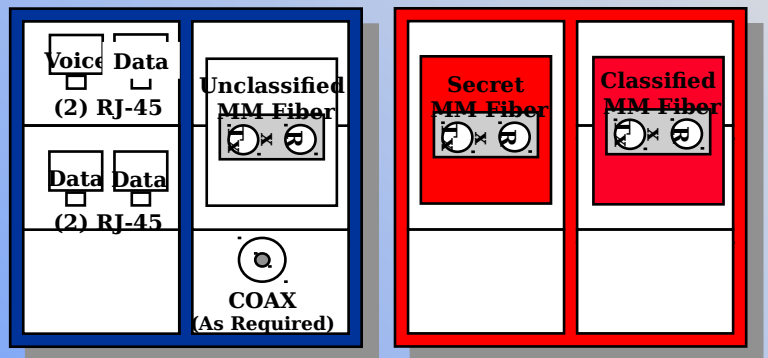
Universal IT Plan

- **GOALS of UIT**
  - Allows for generic TFO prior to final configuration information being known
  - Mitigates risk of schedule impacts at TFO due to changing Tenant requirements

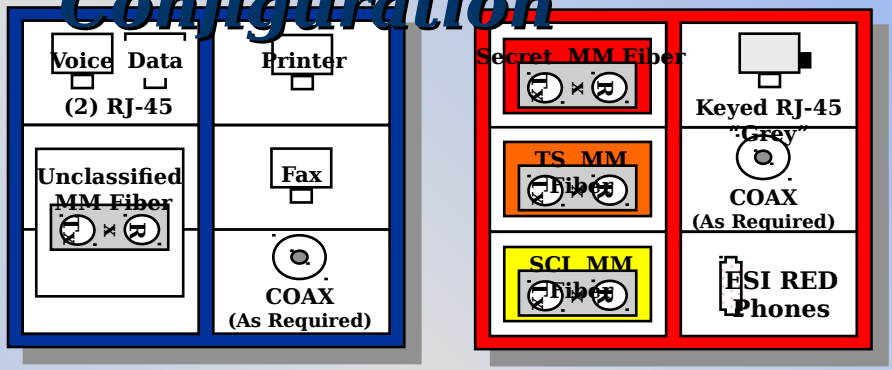
Standard/Executives Configuration



Unclassified Faceplate (Double Gang Wallplate)

Classified Faceplate (Double Gang Wallplate)

Command/Operations Centers Configuration



Unclassified Faceplate (Double Gang Wallplate)

Classified Faceplate (Double Gang Wallplate)

PEO EIS
PEO Enterprise Information Systems

The Pentagon Renovation Program

For security reasons, contents of this slide have been removed. View unabridged version on AKO

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